

7/24/03

U. S. DEPARTMENT OF COMMERCE

Sheet 1 of 6

PATENT AND TRADEMARK OFFICE

# LIST OF REFERENCES CITED BY APPLICANT

Atty Docket No.: 4910-9

Filing Date: August 24, 2001

Serial No.: 09/939,126

Group Art:

Applicant: Thomas CHIOU et al.

## U.S. PATENT DOCUMENTS

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	AA						
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	AF							
	AG							
	AH							
	AI							
	AJ							

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

85	AK		Chin-Chun Hung et al, "Characterization of One Novel Venome Protease with $\beta$ -Fibrinogenase Activity from the Taiwan Habu ( <i>Trimeresurus mucrosquamatus</i> ): Purification and cDNA Sequence Analysis", Biochemical and Biophysical Research Communications, Pgs. 1707-1715, Vol. 205, No. 3, 1994.
	AL		F. S. Markland, "Snake Venoms and the Hemostatic System", Toxicom, Vol. 36, No. 12, pp 1749-1800, 1998.
	AM		Shyh-Hong Chiou, "The Evaluation of the Temperature Effect and Hydrolysis Conditions for Amino Acid Analysis", Biochemistry International, Vol. 17, No. 5, Pgs. 981-987, November, 1988.
	AN		Shyh-Hong Chiou, "Characterization of a Protease with - and $\beta$ - Fibrinogenase Activity from the Western Diamondback Rattlesnake, <i>Crotalus Atrox</i> ", Biochemical and Biophysical Research Communications, Vol. 187, No. 1, Pgs. 389-396, 1992.
	AO		Solange M. T. Serrano, "Purification, Characterization, and Amino Acid Sequence of a Serine Proteinase, PA-BJ, with Platelet-Aggregating Activity from the Venom of <i>Bothrops jararaca</i> , Biochemistry , Vol. 34, No. 21, Pgs 7186-7193, 1995.
	AP		Shyh-Hong Chiou, "Isolation of a Crotalase-Like Protease with -Fibrinogenase Activity from the Western Diamondback Rattlesnake, <i>Crotalus Atrox</i> ", Biochemistry International, Vol. 26, No. 1, Pgs. 105-112, February 1992.

EXAMINER: SHERIDAN SWOPE, PH.D.  
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	AI							
	AJ							

### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

CS	AK		J. B. Bjarnason et al., "Kallikrein-like Enzymes from <i>Crotalus atrox</i> Venom", The Journal of Biochemical Chemistry, Vol. 258, No. 20, October 25, pgs. 12566-12573, 1983.
	AL		M. C. Smith, "Chelating Peptide-immobilized Metal Ion Affinity Chromatography", The Journal of Biological Chemistry, Vol. 263, No. 15, Issue of May 25, Pgs. 7211-7215, 1988.
	AM		M. Maeda, et al., "Expression of cDNA for Batroxobin, a Trobin-Like Snake Venom Enzyme", J. Biochem., Vol. 109, No. 4, Pgs. 632-637 (1991).
	AN		U. K. Laemmli, "Cleavage of Structural Proteins During the Assembly of the head of Bacteriophage T4", Nature, Vol. 227, Pgs. 680-685, (1970).

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	AC							
	AD							

### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

85	AE		W. H. Hollenman et al., "The Thrombin-like Enzyme from <i>Bothrops atrox</i> Snake Venom", The Journal of Biological Chemistry, Vol. 251, No. 6, Pgs. 1663-1669, (1976).
	AF		J. Porath et al., "Metal Chelate Affinity Chromatography, a New Approach to Protein Fractionation", Nature, Vol. 258, Pgs. 598-599 (1975).
	AG		F. S. Markland et al., "Purification and Properties of a Thrombin-like Enzyme from the Venom of <i>Crotalus adamanteus</i> (Eastern Daimondback Rattlesnake), The Journal of Biological Chemistry, Vol. 216, No. 21, Pgs. 6160-6173, 1974.
	AH		B. V. Pandya et al., "Anticoagulant Proteases from Western Diamondback Rattlesnake ( <i>Crotalus atrox</i> ) Venom", The Journal of Biochemistry, 1984, 23, Pgs. 460-470.
	AI		W. M. Hollenman et al., "The Thrombin-like Enzyme from <i>Bothrops atrox</i> Snake Venome", The Journal of Biochemistry
85	AJ		M. R. Ewart et al., "The Proteolytic Action of Arvin on Human Fibrinogen", Journal of Biochemistry, (1970) 119, Pgs. 603-609.
	AK		, "Hemorrhagic Toxins from Western Diamondback Rattlesnake ( <i>Crotalus atrox</i> ) Venom: Isolation and Characterization of Five Toxins and the Role of Zinc in Hemorrhagic Toxin c, 3395-1404.

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	AF							

### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

85	AG		C. Ouyang et al., "Fibrinogenolytic Enzymes of <i>Trimeresurus mucrosquamatus</i> Venom", <i>Biochimica et Biophysica Acta</i> , 420 (1976) Pgs. 309-315.
	AH		H. Pan et al., "cDNA Cloning and Expression of Acutin, a Thrombin-Like Enzyme from <i>Agkistrodon acutus</i> ", <i>Biochemical and Biophysical Research Communications</i> , 255, 412-415 (1999)
	AI		L. AU et al., "Molecular Cloning and Sequence Analysis of the cDNA for Ancrod, a Thrombin-Like Enzyme from the Venom of <i>Calloselasma Rhodostoma</i> ", <i>Biochemical Journal</i> (1993), 294, 387-390.
	AJ		N. Itoh, "Molecular Cloning and Sequence Analysis of cDNA for Batroxobin, a Thrombin-Like Snake Venom Enzyme", <i>The Journal of Biological Chemistry</i> , Vol. 262, (1987), No. 7, Pgs. 3132-3135.
	AK		J. A. Rosenthal, "The Functional Role of Positively Charged Amino Acid Side Chains in -Bungarotoxin Revealed by Site-Directed Mutagenesis of a His-Tagged Recombinant -Bungarotoxin", <i>Biochemistry</i> , 1999, 38, Pgs. 7847-7855.
	AL		W. Lin, "Species Difference in Circulatory and Respiratory Effects of Endothelin-1 and Sarafotoxin S <sub>6</sub> ", <i>Asia Pacific Journal of Pharmacology</i> 1991, Pgs. 277-286.
	AM		K. F. Huang et al., "Characterization of Three Fibrinogenolytic Proteases Isolated from the Venome of Taiwan Habu ( <i>Trimeresurus mucrosquamatus</i> )", <i>Biochemistry Biology International</i> , Vol. 31, No. 6, Dec. 1993.

EXAMINER: SHERIDAN SWOPE, PH.D.  
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	AD							
	AE							

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	AF		M. Uhlén et al., "Gener Fusions for Purpose of Expression: An Introduction", Methods in Enzymology, Vol. 185, Pgs. 129-143.
	AG		F. Fiedler et al., "Separation of Kinins by High-Performance Liquid Chromatography", Methods in Enzymology, Vol. 163, Pgs. 257-262
85	AH		R. M. Kini et al., "Effects of Snake Venom Proteins on Blood Platelets", Toxicom, Vol. 28, No. 12, Pgs. 1387-1422, 1990.
	AI		J. A. Rosenthal, "Functional Expression and Site-Directed Mutagenesis of a Synthetic Gene for -Bungarotoxin", The Journal of Biological Chemistry, Vol. 269, No. 15, April 1994, Pgs. 11178-11185.
	AJ		Y. Zhang, "Trimeresurus stejnegeri Snake Venom Plasminogen Activator", The Journal of Biological Chemistry, Vol. 272, No. 33, August 1997, Pgs. 20531-20537
	AK		A. M. Moura-da-Silva, et al., "Jarahagin ECD-Containing Disintegrin Domain: Expression in <i>Escherichia coli</i> and Inhibition of the Platelet-Collagen Interaction", Archives of Biochemistry and Biophysics, Vol. 369, No. 2, Sept. 1999, Pgs. 295-301.
	AL		F. S. Markland, Jr., "Snake Venom Fibrinogenolytic and Fibrinolytic Enzymes: An Updated Inventory, Thromb Haemost 1998; 79; 668-74.
10	AM		H. Pirkle, "Thrombin-like Enzymes from Snake Venoms: An Updated Inventory", Thromb Haemost 1998; 79: 675-83.

SHERIDAN SWOPE, PH.D.

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	AF							

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	AG		P. J. Gaffney et al., "Collaborative Study of a Proposed International Standard for Plasma Fibrinogen Measurement", Thrombosis and Haemostasis, Pgs 428-432 (1992).
85	AH		W. Burkhardt et al., "Amino Acid Sequence Determination of Ancrod, the Thrombin-like -fibrinogenase from the Venom of <i>Akistrodon rhodostoma</i> ", FEBS Letters, Vol. 297, No. 3, 297-301, Feb. 1992.
	AI		S. Kung et al., "Human Factor IX Corrects the Bleeding Diathesis of Mice with Hemophilia B", Blood, No. 91, No. 3, (Feb. 1998), Pgs. 784-790.
	AJ		W. M. Holleman et al., "The Thrombin-like Enzyme from <i>Bothrops atrox</i> Snake Venom", The Journal of Biological Chemistry, 251, No. 6, pp. 1663-1669.
↓	AK		J. B. Bjarnason et al., "Hemorrhagic Toxins from Western Diamondback Rattlesnake ( <i>Crotalus atrox</i> ) Venom: Isolation and Characterization of Five Toxins and the Role of Zince in Hemorrhagic Toxin e", Characterization of Hemorrhagic Toxins, Vol. 17, No. 16, 1978, pgs. 3395-3404.
	AL		
	AM		

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